



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME XXIII

MARCH, 1916

NUMBER 3

THE AMERICAN MATHEMATICAL MONTHLY

OFFICIAL JOURNAL OF

THE MATHEMATICAL ASSOCIATION OF AMERICA

DEVOTED TO THE INTERESTS OF COLLEGIATE MATHEMATICS

EDITED BY

H. E. SLAUGHT

W. H. BUSSEY

R. D. CARMICHAEL

WITH THE COÖPERATION OF

R. P. BAKER

W. C. BRENKE

A. COHEN

B. F. FINKEL

L. C. KARPINSKI

G. H. LING

HELEN A. MERRILL

U. G. MITCHELL

W. H. ROEVER

D. A. ROTHROCK

C. S. SLICHTER

D. E. SMITH

PUBLISHED BY THE ASSOCIATION

THE AMERICAN MATHEMATICAL MONTHLY, FOUNDED IN 1894 BY BENJAMIN F. FINKEL, WAS
PUBLISHED BY HIM UNTIL 1912. FROM 1912 TO 1916 IT WAS OWNED AND PUBLISHED
BY REPRESENTATIVES OF FOURTEEN UNIVERSITIES AND COLLEGES
IN THE MIDDLE WEST

ISSUED MONTHLY EXCEPT IN JULY AND AUGUST

LANCASTER, PA., AND CHICAGO

Entered at the Post Office at Lancaster, Pa., as Second Class Matter

CONTENTS

Construction of an Algebraic Equation with an Irrational Root. By L. S. DEDERICK.....	69
Napier's Logarithmic Concept: A Reply. By FLORIAN CAJORI.....	71
A Note on the Calculation of Euler's Constant. By GOLDIE HORTON.....	73
The Retirement of Sir Thomas Muir. By C. T. LORAM	74
Annual Meeting of the California Secondary School Teachers of Mathematics. By HENRY W. STAGER.....	76
BOOK REVIEWS. By W. H. BUSSEY.....	78
PROBLEMS AND SOLUTIONS	79
QUESTIONS AND DISCUSSIONS. Contributions by CHARLES R. DINES and MAURICE C. BAUDIN	88
A Correction. By J. L. COOLIDGE.....	92
PROGRESS OF THE ASSOCIATION	93
NOTES AND NEWS ..	97

EDITORIAL CORRESPONDENCE should be addressed to the **MANAGING EDITOR, H. E. SLAUGHT**
5548 Kenwood Avenue, Chicago, Ill.

BUSINESS CORRESPONDENCE should be addressed to the **SECRETARY-TREASURER** of the
ASSOCIATION, W. D. CAIRNS, 55 East Lorain Street, Oberlin, Ohio.



TRIGONOMETRIES



By **GEORGE WENTWORTH** and **DAVID
EUGENE SMITH**

New ideals in mathematical education, though often conflicting, have produced great changes in the past twenty years. One element, however, shows its influence throughout—the desire to relate the subject to reality. Mathematics appears anew as a living body of thought, influencing human life and development at many points.

The Wentworth-Smith textbooks bear the standard in this new field of thought. This is notably true of the trigonometries. Practice precedes theory wherever possible.

Sane Pedagogy

Plane Trigonometry (without
Tables) 188 and 20 pages 90 cents

Plane Trigonometry and Tables
188 and 104 pages . . . \$1.10

Sound Science

Plane and Spherical Trigonometry (without Tables)
228 and 26 pages . . . \$1.15

Plane and Spherical Trigonometry and Tables
230 and 104 pages . . . \$1.35

GINN AND COMPANY



**Boston
Atlanta**

**New York
Dallas**

**Chicago
Columbus**

**London
San Francisco**

